

From owner-qrp-l@netcom.com Mon Nov 28 13:21:30 1994
Message-Id: <9411281500.AA17067@esds01.es.dupont.com>
Date: Mon, 28 Nov 94 10:00:02 EST
From: WB3LGC <shearer@eplram.dnet.dupont.com>
Subject: "A Simple CMOS Iambic Keyer"

For some reason the "Simple CMOS Keyer" was not included in the:
QST ARTICLE BIBLIOGRAPHY - Keys, keyers and keying...

I was looking at "old" handbooks this weekend and found it in the 1989 version.
The
design (by AD7I w/clock ckt by W7EL) was in June 1988 QST -- so it says. It uses
4
IC's and 4 transistors for keying and sidetone. The board is 3.6 x 2.6" and it
WAS
available from A & A Engineering in CA. (714)-952-2114...

(7) 1N4148
(2) 2N2222
(2) 2N2907
(1) CD4070
(1) CD4093
(2) CD4017
(1) 0.22uF tantalum
(1) 1M pot (speed)
(1) 500K pot (pitch)
assorted 0.01, 0.001 caps and resistors

73, Steve WB3LGC

From owner-qrp-l@netcom.com Mon Nov 28 16:06:06 1994
Date: Mon, 28 Nov 1994 12:30:41 -0600 (CST)
From: Theodore Drake <tdrake@metronet.com>
Subject: Re: *Please* stop voting!!
Message-Id: <Pine.HPP.3.90.941128122622.17860A-100000@fohnix.metronet.com>

On Tue, 22 Nov 1994, Bruce Walker - Sun Parallel Open Systems wrote:

> , I rejoined the list last week only
> to find lots of active discussion about the 30-40, which I had finally
> begun to build just before I rejoined. Last night it passed the smoke

This happened to several of us. I am ordering the 40 meter version and I
would very much appreciate a summary of the comments on this kit if some
kind soul happened to save them. Please e-mail to me or post to the list

as a summary [a copy in the archives would probably help a number of folks].
tnx
73 'Doc' W5TB

From owner-qrp-l@netcom.com Mon Nov 28 13:29:45 1994
From: mikey@rolf.stat.uga.edu (Michael Raymond Allen)
Message-Id: <9411281555.AA06978@rolf.stat.uga.edu>
Subject: 20 Meter SSB QRP contact
Date: Mon, 28 Nov 1994 10:54:31 -0500 (EST)

Fellow QRP enthusiasts:

Just this past week I made several contacts with QRP. The most striking one was a contact on 20 meters. I heard a station calling CQ and decided to try for a contact. This was not CW but SSB. He heard me and gave me a signal report of 57. He said he was running a Kenwood into his linear running 500 watts. When I told him that I was running only 5 watts, he could not believe it. We had a nice rag chew and he was most impressed by my signal. I think I just might have got him hooked on QRP. We might see him on the list. Hope to catch you on the air and look for us in Athens, Georgia on 28.440 at 02:00 UTC.

Mike <==> KD4KCD
Dedicated QRP station

From owner-qrp-l@netcom.com Mon Nov 28 15:33:54 1994
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Date: Mon, 28 Nov 1994 11:17:32 CST
Subject: <didn't bother with a subject>
Message-Id: <40C9F0D49@iunhaw1.iun.indiana.edu>

Saw Ted Kell's comments about a QRP group in Houston. Anybody out there in Northwest Indiana or even the Chicago area that want to do the same thing and have informal get-togethers?

de Tim WB9NLZ

From owner-qrp-l@netcom.com Mon Nov 28 19:29:25 1994
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Date: Mon, 28 Nov 1994 17:34:14 CST
Subject: <didn't bother with a subject>
Message-Id: <A54962E14@iunhaw1.iun.indiana.edu>

Earlier I asked about the possibility of a QRP get-together in Northwest Indiana or Chicagoland. Has anyone in these areas got a NE 40-40? Just curious. I got the kit over a month ago and even got the RIT kit from Dave. But university work takes my time, especially

since I am now department chairman and elected to the presidency of the midwest tissue culture group. But, Christmas is coming and this kid is going to kit-build the 40-40. Was curious if anyone close has and uses the radio. Thanks everyone.

de Tim WB9NLZ

From owner-qrp-l@netcom.com Mon Nov 28 03:36:14 1994
From: rheiss@tuba.aix.calpoly.edu
Date: Sun, 27 Nov 1994 22:47:15 -0800
Message-Id: <9411280647.AA203393@tuba.aix.calpoly.edu>
Subject: a non-CMOS keyer project

Found a Ramsey CMOS keyer kit at Fry's Electronics, but left without it because of a nagging quote from "Solid State Design" by Hayward & DeMaw:

"The function that is to be designed is fairly straightforward, and yet certainly not trivial. As a result, designing keyers is an excellent mechanism for learning about new circuit techniques."

Using mostly junk box parts, I assembled the figure 89 keyer and figure 79 sidetone from the book. They work, and the parts are cheap and widely available. With some minor mods I had a two chip (556) single-paddle keyer.

Single paddles are much simpler to build, but actually using them is a bit of a hardship after exposure to iambic keying. It's kind of like using a rockbound rig instead of a VFO. With time on my hands this holiday weekend, I came up with a full iambic B mod. The prototype sure looks like a rats nest but there are only five chips (556, 556, 74LS00, 74LS02, 74LS10) total.

It's not CMOS, but it runs a reasonably long time off of three AA batteries. If I'm still proud of it after Christmas I may design a circuit board and write up the mods. Homebrewing sure is fun, keyers or whatever you like ...
--

Robert Heiss K06KA

From owner-qrp-l@netcom.com Mon Nov 28 19:12:16 1994
Message-Id: <m0rCDQL-0002JXC@infi.net>
From: kturner@infi.net (Keith Turner)
Subject: Antenna gain and QRP..
Date: Mon, 28 Nov 1994 16:15:45 -0500 (EST)

This will be my first post to this group, but I've been lurking for a couple weeks.. I guess by definition, I'm a QRP'r as my only rig is a handheld :) I've only had my license for 2 months and havent had the

opportunity to work HF yet..

From the overall atmosphere of the posts, it would lead me to believe that QRP doesn't just mean low power, but also simplicity and transportability of equipment.. So in my opinion, The guy running into the set of 5 stacked monobanders is not a QRP station.. Maybe by current definition it is..

Consider this.. The QRP operator with the antenna stack... His area gets hit with a natural disaster and there is no commercial power.. He will pretty much have to run QRP because of AC availability.. Chances are his antenna stack did NOT make it through the disaster.. So, He's up a creek.. Whereas someone that is used to working QRP with say a (insert any simple antenna name here) can quickly erect a simple makeshift antenna and get on the air with no problem...

Isn't that one of the more important points of QRP operating?

Keith Turner
KE4QOL

From owner-qrp-l@netcom.com Mon Nov 28 23:15:24 1994
Date: Mon, 28 Nov 94 16:38:54 MST
From: miker@cc.com (Mike Robinson)
Message-Id: <9411282338.AA24881@cc.com >
Subject: Antennas/Snow

Well I couldn't get any snow. How about 20 degrees and gusts of up to 50mph. Coax connectors are easy when it's freezing. You just score the outer sheath and bend it. The plastic breaks clean and you don't nick the braid. Of course my hands kept failing. That's ok, blood doesn't run much when it's freezing either.

LADDER LINES

When you bring the ladder line to the rig. What kind of connectors do you use? My tuner has the wing nuts for ladder line, but most of my rigs have either a PL259 or a BNC jack. Is there a trick to putting a 259 on ladder line?

7.3 de Michael aa0ub (formerly kd6wdd and kg0ot)
miker@cc.com ---==<< I'm the last 'S' in KISS >>==--

From owner-qrp-l@netcom.com Mon Nov 28 14:07:41 1994
From: Scott Darragh KE6MGW <sdarragh@cisco.com>
Message-Id: <199411281547.HAA09963@lint.cisco.com>
Subject: Are there plans out there for a 10m SSB Rig
Date: Mon, 28 Nov 94 7:47:45 PST

Crew,

Well are there? I am looking for plans/schematics for a 10m QRP SSB rig! Does such a beast exist? I found a 20m plan, but my electronics knowledge is limited to say the least. So if there is a book or an article or plans that someone wouldn't mind sharing (photocopy would be great!) please email me at sdarragh@cisco.com

Thanks for the help in advance,

Scott

From owner-qrp-l@netcom.com Mon Nov 28 20:53:20 1994
Date: Mon, 28 Nov 94 13:15:36 HST
From: jeffrey@math.hawaii.edu (Jeffrey Herman)
Message-Id: <9411282315.AA10177@kahuna.math.hawaii.edu>
Subject: Re: Are there plans out there for a 10m SSB Rig

I'd like to see some detailed articles on converting modern-day CB SSB rigs to 10M (RS has one one sale for \$(very cheap)). These synthesized rigs would be a great way to get on 10M, but we need folks experienced in conversions to tell us discrete component builders how to conduct the surgery.

Jeff NH6IL

From owner-qrp-l@netcom.com Mon Nov 28 03:13:40 1994
From: rohrwerk@holonet.net
Date: Sun, 27 Nov 1994 22:15:03 -0800
Message-Id: <199411280615.WAA06117@holonet.net>
Subject: ARRL-SS

On 11-24-94 K7YHA@aol.com wrote to qrp-l@netcom.com:

> I worked only one other QRP station in SS. It was a KC4 in NFL. He was
> a solid +40dB here in NEPA. I asked him what he was running and he
> replied 5 watts to a set of stacked 5 element monobanders at 60 and 90
> feet! What a signal!
>
> QRP works.

Hmmmm... all that antenna gain makes for much more than 5 watts *effective radiated power* in the beam direction.

Interesting there is no attempt to make allowance for antenna gain in the

"official" definition of QRP.

```
: John Seboldt rohrwerk@holonet.net / I am Bach of Borg...
: Amateur radio K0JD... / your style will be
: Church of the Annunciation, / assimilated.
: Minneapolis /
```

-> Alice4Mac 2.3 E QWK Eval:05Mar94

From owner-qrp-l@netcom.com Mon Nov 28 10:20:15 1994
From: mont@netcom.com (Mont Pierce)
Message-Id: <199411281420.GAA10146@netcom19.netcom.com>
Subject: Re: ARRL-SS
Date: Mon, 28 Nov 1994 06:20:08 -0800 (PST)

>
> On 11-24-94 K7YHA@aol.com wrote to qrp-l@netcom.com:
>
> > I worked only one othe rQRP station in SS. It was a KC4 in NFL. He was
> > a solid +40dB here in NEPA. I asked him what he was running and he
> > replied 5 watts to a set of stacked 5 element monobanders at 60 and 90
> > feet! What a signal!
> >
> > QRP works.
>
> Hmmm... all that antenna gain makes for much more than 5 watts *effective
> radiated power* in the beam direction.
>
> Interesting there is no attempt to make allowance for antenna gain in the
> "official" definition of QRP.

Maybe it's that way on purpose. It gives one some incentive to make all other aspects of the equipment and operator tweeked, peeked, and tuned to the highest efficiency. Would you call QRO into a dummy load QRP?

It seems to me like there is really two goals for using QRP:

1. Use only the power required to make two-way QSOs. Why:
 - A. Being able to say you are QRP and having 55 or greater reports both ways is like giving the other guy a slap in the face and in a way saying: "Why aren't you running QRP too if that's all the power we actually need to carry on this QSO?!" (of course unless he is QRP too).
 - B. Using and promoting QRP goes a long way to help reduce the amount of QRM that WE ALL have to deal with. So it signifies the thoughtfulness and consideration of others type of

personalities that we expect all HAMs to have.

2. It prepares us for EMERGENCY communications. We have the skills and equipment to go battery powered or even solar powered and be able to provide emergency communications almost anywhere.

On the otherhand, it does seem like this guy has gone to extremes. Maybe some equailizing measure should be use. I'm sure a lot of hams just cannot afford either the space or money to compete with such an antenna...

72,
km6wt

--

Mont Pierce

```
+-----+
| Ham Call: KM6WT           Internet:  mont@netcom.com       |
|   bands: 80/40/20/15/10/2 |
|   modes: cw,ssb,fm       |
+-----+
```

From owner-qrp-l@netcom.com Mon Nov 28 14:37:32 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: ARRL-SS
Date: Mon, 28 Nov 94 07:33:00 EST5EDT
Message-Id: <1994Nov28.073300.26099@wb3ffv.ampr.org>

True, there is no allowance for antenna gain in the QRP definition. This topic comes up regularly over the years any time QRPers talk about things, anywhere. And even QROers bring this up to QRPers. But if we do that, then logically they would also have to factor in antenna gain inthe other power classes in the contest as well. And logically, if we are going with ERP as a class factor, there is feedline loss, antenna height above ground, height above overall average terrain, lots of other factors. The sole deciding factor in the other classes is always power alone; why should QRP be different? By the way, every time this topic comes up, anywhere, there is no resolution (surprise, surprise!) and things continue as they always have. Obviously, there is no overwhelming sentiment in favor of factoring in antenna system gain/loss when QRPing. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Mon Nov 28 18:49:13 1994
From: JSPEER@sfasu.edu

Date: Mon, 28 Nov 1994 16:12:37 -0600 (CST)
Subject: Re: ARRL-SS
Message-Id: <01HK00T2KF0I000V1B@TITAN.SFASU.EDU>

Return-path: <JSPEER@sfasu.edu>
Received: from TITAN.SFASU.EDU by TITAN.SFASU.EDU (PMDf V4.3-10 #7232)
id <01HK0MD50ZM0000V1B@TITAN.SFASU.EDU>; Mon, 28 Nov 1994 15:08:03 -0600 (CST)
Date: Mon, 28 Nov 1994 15:04:31 -0600 (CST)
>From: JSPEER@sfasu.edu
Subject: Re: ARRL-SS
In-reply-to: Your message dated "Mon, 28 Nov 1994 07:33:00 +0000 (EST5EDT)"
<1994Nov28.073300.26099@wb3ffv.ampr.org>
To: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
Cc: F_SPEERJR@TITAN.SFASU.EDU
Message-id: <01HK0MKH0HDG000V1B@TITAN.SFASU.EDU>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Although, as Mike says, there certainly is no definitive answer, the g-qrp club has gone part of the way toward equating for exp. One of their annual awards (I don't have their stuff here, and don't remember which one) goes to the best log of a qrp station that has used no more than two antennas over the past year, on the condition that neither had parasitic elements, and neither was above 35 (I think) feet.

72!

--

If RST > 519	Jim Speer, K5YUT
Then cut_power;	f_speerjr@titan.sfasu.edu

*****reply separator*****

True, there is no allowance for antenna gain in the QRP definition. This topic comes up regularly over the years any time QRPers talk about things, anywhere. And even QROers bring this up to QRPers. But if we do that, then logically they would also have to factor in antenna gain in the other power classes in the contest as well. And logically, if we are going with ERP as a class factor, there is feedline loss, antenna height above ground, height above overall average terrain, lots of other factors. The sole deciding factor in the other classes is always power alone; why should QRP be different? By the way, every time this topic comes up, anywhere, there is no resolution (surprise, surprise!) and things continue as they always have. Obviously, there is no overwhelming sentiment in favor of factoring in antenna system gain/loss when QRPing. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Mon Nov 28 16:12:48 1994
Date: Mon, 28 Nov 1994 09:49:16 -0500 (EST)
From: "DONALD A. COLEMAN (EXT. 2850)" <DACOLEMAN@fair1.fairfield.edu>
Subject: Re: Back to Dummy Loads...
Message-Id: <01HK0B8J9LHI8ZECW1@fair1.fairfield.edu>

I agree with paul one hundred percent, and vote *yes*! The amount of buying and selling on this list hasn't been excessive. I think there's a lot of needless fussing going on about the matter right now. I suggest that a list like this one can be expected to generate some worthwhile transactions and that the circumstance of its doing so is no cause for alarm.

72.394822

Don Coleman, W1VOQ

From owner-qrp-1@netcom.com Mon Nov 28 22:56:05 1994
Date: Mon, 28 Nov 94 16:35:55 EST
From: Clark Fishman (FSAC-FCD) <cfishman@fsac3.pica.army.mil>
Subject: Big Antennas
Message-Id: <9411281635.aa19819@FSAC3.PICA.ARMY.MIL>

To operate QRP with a big (read my lips , High Gain) antenna is just fine....an effecient antenna acts like a lens and focuses your signal in an efficient manner so boys and girls...the RF goes where it does the most good....that's good...cuts down on QRM on the receive side....sounds like good engineering practice to me....a good antenna is the start of a great station....maybe Santa will bring a 90 foot tower and a beam to you in a few weeks.

73, ho ho ho Clark WA2UNN cfishman@pica.army.mil

From owner-qrp-1@netcom.com Mon Nov 28 19:55:37 1994
Date: Mon, 28 Nov 1994 16:36:27 -0700 (MST)
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>
Subject: CQWW QRP style
Message-Id: <Pine.3.89.9411281656.J27542-01000000@paris>

Well, didn't spend a lot of time but did work 94 Qs, 141 QSO points, 42 countries, and 37 zones (translated that means 27 countries and 17 zones.) This was a single op, all band, effort with <5 watts to 20m dipole at 20 feet, and 80-foot zepp at 18 feet. Got 4 new ones (total

now 43). I used LOGic 4.0 as a contest logger. Did OK for a peanut whistle blowing around on the high desert of NM!

Tim AB50U

p.s. Took me a while to stop working W/Ks - no wonder they reluctantly returned my calls! That's what happens when you move to the "lower 48" from an exotic dx spot (Alaska).

From owner-qrp-l@netcom.com Mon Nov 28 01:58:18 1994
Date: Sun, 27 Nov 94 22:49:44 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9411280449.AA05080@chuck.dallas.sgi.com>
Subject: Re: Dec 94 QST

Gang,

My apologies for the line lengths. I was at home (still am) and had screen stretched to look at some long lines of data.

Sorry and it will probably happen again. :-)

dit dit

SIG

Chuck Adams K5FO CP-60
adams@sgi.com

From owner-qrp-l@netcom.com Mon Nov 28 19:26:46 1994
Date: Mon, 28 Nov 1994 19:09:33 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: December QRP Reading
Message-Id: <Pine.3.87.9411281933.I14565-01000000@random.ucs.mun.ca>

QRP-L gang - just wanted to follow-up on some of Chuck's news and views for the net. Picked up my monthly mail this past weekend and just a tonne of new QRP articles.

73 Mag - congratulations to Jeff Gold and Daniel Wee for their excellent Oak Hills Classic writeup (I'm prejudiced since I LOVE my Classic). I particularly appreciated some of Dan's technical analysis of the circuitry - Oak Hills should really hire this famous Singapore ham for technical descriptions (OHR never has any technical details).

Also check out Mike Bryce WB8VGE (ARCI membership chairperson) on his S&S Engineering ARK-4 writeup and his QRP column with some great photos of a "souped - up" NorCal Sierra (built-in LED S meter/power meter and keyer circuit) - Hey Doug tell us more about these mods - are they in the latest NorCal QRPp?.

Worldradio - jumping over to one of my favorite QRP columnest - Rich Fisher KI6SN QRP section in Worldradio magazine (newspaper). Rich does a quality QRP column EVERY month for Worldradio and he doesn't let us down this month with his lead article "QRP:Twass a very good year" and another nice photo of the Sierra. By the way Rich also writes the Memembers News column for the QRP Quarterly (ARCI). The ARCI whould award Rich with a "QRP Columnist of the Year Award" since he is always building some QRP rig and presenting a nice write-up with photos (hint to the ARCI Board Members).

By the way Worldradio also has some other excellent columns like SPACECOM by QRP-L contributor Rick Arland K7YHA (and past QRP columnist) and of course the famous Aerials column by Kurt N. Sterba (I still think it is Chuck Adams who writes that column.....)

Good Words and good reading..

72 Bob VO1DRB/WA6ERB

From owner-qrp-l@netcom.com Mon Nov 28 15:09:55 1994
Date: Mon, 28 Nov 1994 09:39:36 -0600 (CST)
From: Theodore Drake <tdrake@metronet.com>
Subject: DX Test - QRP
Message-Id: <Pine.HPP.3.90.941128093250.18037A-100000@fohnix.metronet.com>

An embarrassing lack of entries in the log book got me to spend about 6 hours off and on in this weekend's CQ DX Contest. Conditions were poor with a flux of 83, A-index 20, and a K-index of 3 on Sunday Morning -- conditions active to minor storm. So what does this mean for the QRPer? Go as high in frequency as possible [most contacts were on 15 meters, with 10 and 20 far behind - 40 was a washout here with QRM and too much absorption resulting in many many calls/qso vs. 10 and 15 where a call or two usually resulted in a contact] One distinct advantage of 15 is that not only is absorption much less, but you don't hear the stateside 'competition' which can be a bit intimidating on 20 -- but GREAT fun when you do break the pileup :-). I used the TA33jr beam at 33' for most qso's and stayed at 4.5W due to the conditions [except for a couple of the Caribbean islands I don't have qsl'd at 900mw].

No new countries added, but still a good way to prove to yourself that QRP works! [Well, except for one Caribbean op who despite S9+++ sigs never did respond, usually repeating his CQ about the time I was to the 5 in my call -- what was this LID using for a receiver? [Whatever it was I'll bet his gain was turned WAY down] Fortunately this was the exception rather than the rule since contests are one of the best times to catch DXers with their gains wide open. Now, if we can just get the contest operators to add points for receiving QRP sigs we'll really see some determined efforts . . .

How'd I do? 30+qsos in about 25 countries including OH0, KH0, TG, CP, HC, JA,ZL,PJ2,VP2M,OH2,KP4,LU,9Y4,P4,ZP,CX,PZ,TE,9G5,VP5,KH6,C6,VE,EA,J7,ZF,EA8 -- So, don't let the sunspot cycle doldrums get you down -- jump into those contest and let them hear from the QRP gang!

73 'Doc' W5TB

From owner-qrp-1@netcom.com Mon Nov 28 16:44:33 1994
Date: Mon, 28 Nov 94 11:58:27 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9411281758.AA06106@chuck.dallas.sgi.com>
Subject: Fox Schedule

November 28, 1994

For the newbies, we're trying to generate weekly activities during the middle of the week and not on weekends when everybody and their dog is running a contest with N stations, where N is large.

The fox will come on with CQ CQ FOX HUNT de CALL CALL K. or their rendition of same. Then they will be attacked by the hoards of screaming QRPers. :-) Propagation has everything to do with this hunt, thus you may be unfortunate enough to be out of the zone(s) where they can work you.

WARNING: Times and dates are in UTC, so for 0000Z, it's the day before here in the USofA.

We tried to get some time in for the novices. Run at your CW speed and the fox will match it.

Mike C. noted that he is interested in publishing this in QQ. Only problem with that is that the table is incomplete and subject to change. This will irritate a lot of people if this happens and give the whole concept a bad name. My \$0.02

worth. A lot of people will have work schedule changes and can't give me the information until the last minute.

name	call	email address	QTH
Chuck Adams	K5FO	adams@sgi.com	Dallas, TX
Bob Easton	N2IPY	bobea@watson.ibm.com	Sloatsburg, NY
Craig LaBarge	WB3GCK	74740.3166@CompuServe.com	Phoenixville, PA
Mark Cronenwett	KA7ULD	mcronenw@pyramid.com	San Jose, CA
Pete Rossi	WA3NNA	rossi@vfl.paramax.com	Newton Square, PA
Bob Cutter	KI0G	bcutter@csn.org	Glenwood Springs, CO
Dave Adams	N9UXU	dave@flowserver.stem.com	Indianapolis, IN
Ron Stark	KU7Y	mswmod@nimbus.sage.unr.edu	Sun Valley, NV
Stan Goldstein	N6ULU	stan@cruzio.com	Watsonville, CA
Clay Wynn	N4AOX	wyn@ornl.gov	Alcoa, TN
Ted Albert	KF8EE	teda@meaddata.com	Loveland, OH

Week of:	FOX	Date	Time(UCT)	Freq
Nov 27th	WA3NNA	Dec 1	0200-0400	7.040 +/- No Novice Frequencies this week.

This will be Wednesday evening for those in the USofA.

Dec 4th	N6ULU			
Dec 11th	N2IPY	Dec 11th	0000-0200	7.110 7.120
Dec 18th	KA7ULD	Dec 20th	0400-060	7.040 7.150
Dec 25th	KU7Y			

Jan 1st	K5FO			
Jan 8th	N4AOX	Jan 13	0000-0200Z	7.101+ Primary 7.041+ Alternate
			00:00Z-01:00Z	7.101 MHz & UP; 01:15Z-03:00Z 7.041

MHz & UP

-or-

Jan 12 (Local)

07:00 EST - 08:00 EST 7.101 ; 08:15 EST - 10:00 EST 7.041
 06:00 CST - 07:00 CST 7.101 ; 07:15 CST - 09:00 CST 7.041
 05:00 MST - 06:00 MST 7.101 ; 06:15 MST - 08:00 MST 7.041
 04:00 PST - 05:00 PST 7.101 ; 05:15 PST - 07:00 PST 7.041

Jan 15th	WB3GCK	Jan 17	0000-0200Z	7.110 (30min) - 7.040
Jan 22nd	KF8EE	Jan 23	0200-0400Z	7.040
Jan 29th	KI0G			

Feb 5th	KA7ULD	Feb 7	0400-0600Z	7.040-7.150
Feb 12th	WA3NNA			
Feb 19th	KU7Y			

Feb 26th N9UXU March 2 0400-0600Z 7.110+ only

SIG

Chuck Adams K5FO CP-60
adams@sgi.com

From owner-qrp-l@netcom.com Mon Nov 28 14:38:38 1994
Date: Mon, 28 Nov 1994 09:41:19 -0700 (MST)
From: "James P. Rybak" "
<jrybak@mesa5.mesa.colorado.edu>
Subject: Icom IC-707 Rig
Message-Id: <Pine.3.89.9411280921.A5211-01000000@mesa5.mesa.colorado.edu>

Has anyone used the Icom IC-707 transceiver for QRP and/or portable work? These rigs are on sale currently and may be a good multiband QRP rig for CW and SSB.

Jim Rybak W0KSD

From owner-qrp-l@netcom.com Mon Nov 28 13:19:05 1994
From: STUNTZ@wapa.GOV
Message-Id: <sed997f0.012@wapa.GOV>
Date: Mon, 28 Nov 1994 08:44:12 -0700
Subject: Internet to qrp-l from steve

subscribe qrp-l

From owner-qrp-l@netcom.com Mon Nov 28 18:35:16 1994
Message-Id: <9411281924.AA28327@wrdis01.robins.af.mil>
Date: Mon, 28 Nov 94 14:24:20 -0500
From: lakeith@wrdis01.robins.af.mil (Larry Keith Mr.)
Subject: MFJ Keyer a keeper?

Post Turkey Day Greetings to all!

At a recent hamfest, I picked up a MFJ model 407B keyer and a set of Bencher paddles. After regluing the battery holder to the circuit board and installing a fresh battery, the thing came alive and I have been trying to learn how send sideways.

The question is, is this thing worth keeping? Up to now, I have not been on CW enough to be interested in such devices. But, I am considering hanging on to this thing until I find a suitable rig to use it with.

Any comments? You can't hurt my feelings.. I didn't pay that much for it!

73,

Larry, KQ4BY

From owner-qrp-1@netcom.com Mon Nov 28 22:41:27 1994
Date: Mon, 28 Nov 1994 20:41:00 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: MFJ Keyer a keeper?
Message-Id: <Pine.3.87.9411282000.A207-0100000@random.ucs.mun.ca>

Larry - to answer your question "is this (cw) worth while" - You have the opportunity at hand to partake in one of wonders of mankind - global communications with only knowing how to push a pair of paddles in two directions - this quietly kept secret is only known by an elite group of the haman race - called cw hams. Once you join this secret fraternity there is no turning back. When a stranger (your spouse or kids) walk into your shack you can tell them you're talking to the King of Jordon, or a famous US Senator, the Man in the Moon , or a QRPer - what do they know since they don't understand that secret code.... Larry I don't know your age but if you ever a kid around the time when Ovaltine had their secret decoder you'll know what I am talking about (boy is THAT going to date me....)

Anyway give it a try - it can't hurt you (sure...) maybe you'll even like it ... next you may want to start building your own cw rig, maybe your own cw keyer etc.. then you'll be cooking.

Good luck 72 Bob V01DRB/WA6ERB

On Mon, 28 Nov 1994, Larry Keith Mr. wrote:

> Post Turkey Day Greetings to all!
>
> At a recent hamfest, I picked up a MFJ model 407B keyer and a set of
> Bencher paddles. After regluing the battery holder to the circuit
> board and installing a fresh battery, the thing came alive and I have
> been trying to learn how send sideways.
>
> The question is, is this thing worth keeping? Up to now, I have not
> been on CW enough to be interested in such devices. But, I am
> considering hanging on to this thing until I find a suitable rig to
> use it with.
>
> Any comments? You can't hurt my feelings.. I didn't pay that much for
> it!

>
> 73,
>
> Larry, KQ4BY
>

From owner-qrp-1@netcom.com Mon Nov 28 16:58:11 1994
From: JEVERHART@cayman.vf.ge.com
Date: Mon, 28 Nov 1994 14:24:35 -0500 (EST)
Message-Id: <941128142435.2160e51a@cayman.vf.ge.com>
Subject: Missed the foxes

NOW I get it.

Missing the "foxes" lately isn't my fault, I just didn't hear them because their 40 meter signals were delayed several days just like the Internet messages the last week 8-).

72,

Joe E. N2CX

From owner-qrp-1@netcom.com Mon Nov 28 19:26:08 1994
Date: Mon, 28 Nov 1994 13:34:44 -0800 (PST)
From: Monte Stark <mswmod@sage.unr.edu>
Subject: Re: Missed the foxes
Message-Id: <Pine.SUN.3.90.941128133218.21446A-100000@nimbus>

On Mon, 28 Nov 1994 JEVERHART@cayman.vf.ge.com wrote:

> NOW I get it.
>
> Missing the "foxes" lately isn't my fault, I just didn't hear them because
> their 40 meter signals were delayed several days just like the Internet
> messages the last week 8-).

>
> 72,
>
> Joe E. N2CX
>

Gee Joe,

I thought all good QRPers knew that you had to call cq at least 2 days before you wanted a qso. Need to give that puney little signal time to get there!

Why else would dxing /qrp be fun??

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
..mswmod@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NRA LIFE.....

From owner-qrp-1@netcom.com Mon Nov 28 23:53:13 1994
From: rossi@VFL.Paramax.COM
Message-Id: <9411290211.AA17881@gvlf9-a>
Date: Mon, 28 Nov 94 21:11:26 EST
Subject: Re: Missed the foxes

->> NOW I get it.
->>
->> Missing the "foxes" lately isn't my fault, I just didn't hear them because
->> their 40 meter signals were delayed several days just like the Internet
->> messages the last week 8-).
->>
->> 72,
->>
->> Joe E. N2CX

Glad to see that wasn't the only one to get the message about the special
Thanksgiving Day turke.. er, I mean fox until Sunday. Sunday?

It's my turn to be fox this week.. Let's see... if I start calling CQ now
then we should be all set by Wednesday night :-)

--

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania

From owner-qrp-1@netcom.com Mon Nov 28 14:39:22 1994
Date: Mon, 28 Nov 94 11:03:02 EST
From: ardai@ATB.teradyne.com (Michael Ardai)
Message-Id: <9411281603.AA23968@zoso>
Subject: More on 'for-sale'

While I have no more say in this than the rest of you, I also see no problem with qrp-related 'for sale' messages here. Can we *please* stop arguing about this and get back to QRP?

72,
/mike
nlist@netcom.com

From owner-qrp-1@netcom.com Mon Nov 28 15:37:00 1994
Date: Mon, 28 Nov 1994 12:27:41 -0600 (CST)
From: "David Fentem" <david.fentem@gtri.gatech.edu>
Message-Id: <44878.david.fentem@gtri.gatech.edu>
Subject: My QRP Plus: Killed and Resurrected (long)

A few weeks ago I received my brand new QRP Plus rig from Index Laboratories, s/n 239. I had it shipped to where I work, and thought I'd hook it up to a power supply and look it over before I went home. It was about 11 PM, I was a little sleepy, and I was in somewhat of a hurry to get a quick look before making the one hour commute home. Bad combination. Many mistakes are made late at night, especially when in a hurry.

I connected it to an HP 6236B power supply and set the meter on the supply to read about 12 volts. When I switched on the rig, I noticed the S meter was not zeroed, but the display looked ok, all the controls seemed to work, and I heard normal background noise coming from the speaker. Something didn't seem quite right, though, so after a few minutes I measured the supply voltage to the rig using a digital multimeter. Horrors! It read about 25 volts! Then I noticed my mistake - the supply was a dual output type, and I had it connected to provide both +12 and -12 volts to the rig. What a sick feeling, to get a brand new rig and immediately juice it right out of the box.

Next morning, I set the rig on the bench and took a closer look at it. The display and controls worked as they did the previous night, but it wouldn't receive or transmit. I called Bruce Franklin at Index Labs and explained what had happened. He suggested I ship it back to him so he could take a look at it.

It turns out the damage was rather widespread. Bruce replaced its circuit boards with new ones and shipped the unit back to me. It arrived just prior to the Thanksgiving holiday in time for me to give it a good workout during the CQ WW CW DX contest over the weekend. I also made a few SSB contacts with it, and it is performing flawlessly now. It's a real joy to operate.

When I unpacked the rig, I looked for a repair bill but found none. So I called Bruce to check on repair charges, and he said he planned to treat it as a warranty repair at no charge. This didn't seem right to me, as the

unit was clearly damaged by abuse outside the terms of the warranty. After some discussion, we arrived at a repair charge amount that was agreeable to both of us. A **very** reasonable amount, in my opinion.

What became of the old boards? Bruce did repair them, and they were subsequently installed in an engineering unit.

>From now on, I hope to be much more cautious when working late. Maybe even force myself to wait until morning.

I've been lurking here on this list for quite a while, and I've noticed a lot of interest in the QRP Plus. In fact, it was through this list that I first learned about it. I thought I'd post my experience so others who may be considering the rig will know the kind of excellent support I received.

As an aside, the same sort of failure could have occurred if a DC power supply using a series-pass regulator circuit had failed. It certainly makes a case for a crowbar protection circuit in the power supply. I may even install a zener diode inside my QRP Plus to blow the fuse if the input voltage gets too high again. I'd like to think I would never make the same mistake twice, but sometimes Murphy strikes unexpectedly.

-Dave, KW4M

Disclaimer: I have no connection with Index Laboratories other than being a very satisfied customer.

```
+-----+
| David R. Fentem           | david.fentem@gtri.gatech.edu |
| Georgia Tech Research Institute | CompuServe: 70674,3306      |
| GTRI/ELSYS/ESMD          | Voice: (404) 894-7045      |
| Atlanta, GA 30332-0800    | FAX: (404) 894-7080       |
+-----+
```

From owner-qrp-l@netcom.com Mon Nov 28 21:35:06 1994
Date: Mon, 28 Nov 1994 16:35:35 -0800 (PST)
From: John Dundas <ab6dg@netcom.com>
Subject: Re: My QRP Plus: Killed and Resurrected (long)
Message-Id: <Pine.3.89.9411281630.A17532-0100000@netcom14>

I'm looking forward to receiving my QRP Plus in a few days, and will be extra careful to not apply more than 110 v. to it!

Glad to hear of your good experience with the repair--I talked with Bruce for some while prior to ordering, and felt that he ran a good operation--which your experience confirms.

73 de John AB6DG

From owner-qrp-1@netcom.com Mon Nov 28 15:09:45 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: NE 40-40
Date: Mon, 28 Nov 94 07:37:46 EST5EDT
Message-Id: <1994Nov28.073746.26099@wb3ffv.ampr.org>

The correct nomenclature is NE 3040, by the way. Yes, there is an 80 meter version, as well as 160 meters, per recent private email from Dave Benson; he says 80 is selling slowly and 160 not at all, since they are not advertised, that close to 300 NE-whatevers have been sold so far between the original offering to members, which was the first 100, and follow-on sales he has been doing on his own. He also reports that 40 meters represents about 60% of the sales. I still haven't put mine into a box, but it's still a neat little rig! Surprisingly good performance for such simplicity. (And I've seen a few people asking whether they should get that or the other QRP rig in the same issue of QST, the latest version of the Spider. My answer is always that I'd go for the somewhat higher cost of the Benson rig, since it's VFO controlled, if nothing else--you could eat up the price difference between the two with just a very small handful of new crystals!) 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Mon Nov 28 02:24:53 1994
Message-Id: <199411280521.AAA18642@thor.INS.CWRU.Edu>
From: Stephen Trier <sct@po.cwru.edu>
Date: 28 Nov 1994 05:20:46 GMT
Subject: Re: New subscribers coming!

> By the way, this is the same issue of QST that has a
> picture of Jeff Gold up front in the color section.

I saw that! BTW, I just bought a copy of the December _73_. There's an OHR Classic on the cover. Jeff, is it yours? It looks like you did a beautiful job. The wiring harness looks like something I'd find in a car!

Inside, I note two familiar names on the review of the OHR: Jeff Gold and Daniel Wee. Nice job, guys.

The _73_ topic of the month is kit building. Reviews cover the Classic,

the ARK-4, and the Bencher straight key. (The Bencher looks sweet.)

Stephen

--

Stephen Trier
sct@po.cwru.edu
KG8IH

From owner-qrp-1@netcom.com Mon Nov 28 13:16:51 1994
From: PB13128@deere.com
Message-Id: <DACDXX21.PB13128.464736090094332FDACDXX21@TCP30.DX.DEERE.COM>
Date: 28 Nov 1994 09:36:09 GMT
Subject: NOTE 11/28/94 09:36:46

28 November 1994
>From: P. Beedlow, NN9K
pb13128.deere.com

Subject: Thanksgiving Fox Hunt

Wonder how many other folks missed the 'hunt' Thanksgiving day because the posting didn't arrive until today? Since I was tracking some problems at work I was faithfully checking all my mail everyday. Did some back tracking and all of our sytems were up and running during the holidays. So really don't know where the bottle neck was.....

Suggest to all not to expect mail/messages to be delivered instantly. Even though 'the net' works well it ain't perfect.....

Now I'm looking for a message to see what night ths week's fox will come out from under cover!

From owner-qrp-l@netcom.com Mon Nov 28 16:57:07 1994
Message-Id: <INELVM1.LVE.510705110094332FINELVM1@INEL.GOV>
Date: 28 Nov 1994 11:04:11 MST
From: "Larry East" <LVE@inel.gov>
Subject: QRP and Big Antennas...

Advanced Nuclear Systems Technology

MS 7113 533-4005 lve@inel.gov

The note about the guy (or gal?) running 5W into stacked monobanders grated a nerve in me that has always been close to the surface... running 5W into a super big (or even just big) antenna and claiming to be running QRP seems like a slap in the face to us "normal" folks. So what if you can work Lower Slobovia with 1.0W into a 20DB gain beam -- you could probably do just as well with 100W into a dipole hung from your back fence -- and with one h#\$% of a lot less money invested!! Seems to me that the use of high gain antennas should be taken into account in QRP categories of contests -- maybe divide the claimed score by the gain of the antenna or some such. This has always been a sore point with me -- how about others? To keep the QRM down, don't everyone jump on the keyboard! Maybe you can send replies direct to me and I'll tabulate the oppinions for everyone else on the list.

72/73, Larry W1HUE/7

(Real QRPers don't use beam antennas...)

Have a productive day :-)

From owner-qrp-l@netcom.com Mon Nov 28 03:13:59 1994
From: qrmodena@csemail
Message-Id: <9411280632.AA104884@csemail.cropsci.ncsu.edu>
Subject: Re: QRP Headphones on sale!
Date: Mon, 28 Nov 94 1:32:06 EST

>

> Radio Shack has their Nova 42 stereo headphones on sale for \$7.99 which is
> \$5.00 off the regular price. I don't know how long this sale will last, but
> it is an outstanding price for a great little set of phones. I have used a
> set for over a year on my ARK-40....

This is to add my \$0.02 worth on Radio Shack headphones....

I have a pair of Nova-41...not the cheapest, not the most expensive.
Light weight, comfortable, reasonable audio range.

I bought them for \$9.99....and paid \$19.95 for the Radio Shack 3 year
no-questions-asked warrantee. Yep, \$20 on top of \$10.

In nine months, I've traded them in FIVE times.

I use them continuously to listen to Rush and my favorite heavy metal
station...and manage to snag them, sit on them, etc. It doesn't
take much of a snap to break the headset because of the thinness of the
molding.

The RS store is close by...and I expect to replace them about 20 times over
the three year warrantee period. They don't ask how I broke them...
they just telephone in the verification number to Texas, get the OK and
hand me a new pair...the procedure assures me replacement at *any*
RS store.

Most extended warrantees are not worth the money, but I am easily
making this one work for me....knowing that RS probably get those
headheads for \$1.00/package.

--

73/Steve/AB4EL ab4el@Cybernetics.NET

From owner-qrp-l@netcom.com Mon Nov 28 16:00:41 1994
Date: Mon, 28 Nov 94 10:02:36 MST
From: miker@cc.com (Mike Robinson)
Message-Id: <9411281702.AA24394@cc.com >
Subject: qrp on the receiving end...

The article in the new QST states how hard
it is to hear a qrp station. This ham must enjoy
fighting his way through all the QRM and QRN.
How much quieter would the bands be if we were all
limited to 50 watts or less? QRP takes advantage of
conditions to make the contact. QRO brute forces
its way through poor conditions. And when conditions
are good, causes saturation of several KHz of the band.

I don't envy the flames he'll be receiving.

=====

7.3 de Michael aa0ub (formerly kd6wdd and kg0ot)

miker@cc.com --==<< I'm the last 'S' in KISS >>==--
=====

From owner-qrp-1@netcom.com Mon Nov 28 17:31:42 1994
Date: Mon, 28 Nov 94 13:11:07 PST
From: Mike J Pulley <Mike_J_Pulley@ccm.ch.intel.com>
Message-Id: <941128131107_4@ccm.hf.intel.com>
Subject: Raising antennas in snow storms

Text item:

Bob,

Congratulations on getting your Neighbor Relations Improvement
Wire up and operating! Hang bright holiday marker ribbons from
it so's you don't snag any low-flying sleighs.

I, too, did the antenna thing last week. We here in the Arizona
("But It's A Dry Heat") desert rarely receive the technological
advantages of snowstorms. I waited until a winter storm swept
over us, plunging temperatures to the lower 30's at night. Good
enough? Or should I disassemble it and toss it in the deep
freeze for good measure? :-)

Regards,

-- Mike, WB4ZKA

"I never WORK a station while on vacation. It's always PLAY!"

----- Reply Separator -----
Subject: Re: 450 Window Line
Author: owner-qrp-1@netcom.com at Internet_Gateway
Date: 11/19/94 1:28 PM

I was the one that started this thread and am happy to report my 160
dipole is up and working fine with window line all the way into the
shack/tuner. Seems to work fine on other bands and the noise pick-up is
less but signal strength is the same.

Of course I installed it in a snow storm, which we all know is the real
real reason for success. Thanks for all the suggestions.

72, Bob KI0G

Text item: External Message Header

The following mail header is for administrative use
and may be ignored unless there are problems.

IF THERE ARE PROBLEMS SAVE THESE HEADERS.

Precedence: list
Sender: owner-qrp-l@netcom.com
Content-Type: TEXT/PLAIN; charset=US-ASCII
Mime-Version: 1.0
Message-Id: <Pine.3.89.9411191228.A11656-0100000@teal.csn.org>
In-Reply-To: <199411190322.TAA19726@holonet.net>
Cc: qrp-l@netcom.com
To: rohrwerk@holonet.net
Subject: Re: 450 Window Line
>From: Robert Cutter <bcutter@csn.org>
Date: Sat, 19 Nov 1994 12:12:48 -0700 (MST)
Received: by teal.csn.org id AA12527
 (5.65c/IDA-1.5 for qrp-l@netcom.com); Sat, 19 Nov 1994 12:12:48 -0700
Received: from teal.csn.org by mail.netcom.com (8.6.9/Netcom)
 id LAA25191; Sat, 19 Nov 1994 11:35:37 -0800
Received: by mail.netcom.com (8.6.9/Netcom)
 id LAA25201; Sat, 19 Nov 1994 11:35:40 -0800
Received: from mail.netcom.com by hermes.intel.com (5.65/10.0i); Sat, 19 Nov 94
Received: from hermes.intel.com by relay.jf.intel.com with smtp
 (Smail3.1.28.1 #2) id m0r8xKi-000twdC; Sat, 19 Nov 94 13:28 PST

From owner-qrp-l@netcom.com Mon Nov 28 18:44:50 1994
Date: Mon, 28 Nov 1994 18:42:58 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: Re KeyCAD for schematics
Message-Id: <Pine.3.87.9411281858.C14565-0100000@random.ucs.mun.ca>

Thanks Mike and Doug for the comments on Key CAD for drawing electronic schematics. I picked up the new Softkey Key CAD Complete CD-ROM version for Windows and MAC at Staples (East Coast office supply) for less than \$30 with a \$5 rebate. So no excuse for you MAC users - I mention this since I was talking to Rich High WOHEP the editor of the Colorado QRP club newsletter "The Low Down" (a real class act publication down with a MAC desktop publisher) and he was interested but needed an inexpensive MAC CAD package. This should fill the bill.

Now to dig in - yet another computer program to learn....

Thanks Mike and Doug.

72 Bob VO1DRB/WA6ERB

On Fri, 25 Nov 1994, Mike Czuhajewski wrote:

> I happened to go to a WalMart today and stumble through the
> computer/electronics section, and saw KeyCAD there (along with some of
> the other software put out by the same folks). This particular time I
> only saw the Windows version, which is somewhat more expensive than the
> DOS version I have, but still under \$30. As I've said before, this is
> a good, inexpensive program for drawing things, including schematics,
> for those of you who submit things to QRP journals, or who have to
> redraw handdrawn schematics for those same QRP mags. That makes two
> well known places where I've seen it now, WalMart and Office Depot.
> You can see some of the results in the October QRP Quarterly in the
> Idea Exchange, and in recent issues of QRPp from NorCal, where some of
> the schematics were done with it. (In fact, Doug Hendricks is the one
> who turned me onto it, for which I am deeply grateful.) 73 and Queue
> Our Pea DE WA8MCQ
> --
> Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
> E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
> The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
> Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking
>

From owner-qrp-l@netcom.com Mon Nov 28 19:34:24 1994
Date: Mon, 28 Nov 1994 15:36:10 -0600 (CST)
From: Jeff Gold <JMG@tntech.edu>
Subject: real QRPers
Message-Id: <01HK0NFLAWRABTVMNH@tntech.edu>

Hi,

well ok.. this did strike a nerve... seems that in reg. contests
that there is absolutely no consideration for antennas.. if you
got em .. you use them.

I have contested on about everything.. PVC vertical (speaking of
lossy antennas), resonant dipoles, G5RV and many derivatives.. and
as of not too long ago a 5 band 2 element quad.. and it can be
tuned for 80-10 with tuner. Seems to me if I can effectively make
a tiny signal go a lot further.. that is what you are suppose to
do aren't you. .do believe that this uses much less band width and
is a very effective means of communications.

73,

Jeff, AC4HF

> From: IN%"LVE@inel.gov" 28-NOV-1994 15:21:52.84
> To: IN%"qrp-1@netcom.com"
> Subj: QRP and Big Antennas...
>
> (Real QRPers don't use beam antennas...)
>
> Have a productive day :-)
>

From owner-qrp-1@netcom.com Mon Nov 28 23:24:04 1994
Message-Id: <9411290240.AA29845@interval.interval.com>
Date: Mon, 28 Nov 1994 18:41:04 -0800
From: burdick@interval.com (Wayne Burdick)
Subject: Sierra status

Folks, Jim Cates has now shipped 105 of 120 Sierra kits! The rest will be shipped as soon as a shipment of FT-37-43 toroids comes in (next week).

Jim discovered that he had left out 2 nuts for the toggle switches when doing the early kits. If you didn't get a total of 4 of these nuts, call Jim and he'll mail them to you. Or you can substitute washers for the two behind-the-panel nuts. You'll need a spacer of some kind between the switch and panel to get the panels to stay perfectly vertical when you tighten the outside nuts. This is due to the fact that the switch mounting ears sit slightly back of the board edge.

If you have any other Sierra questions, call me at 415-592-2700 (home) or 415-354-0928 (work).

73,
Wayne

From owner-qrp-1@netcom.com Mon Nov 28 15:33:27 1994
Date: Mon, 28 Nov 94 09:57:59 MST
From: miker@cc.com (Mike Robinson)
Message-Id: <9411281657.AA24377@cc.com >
Subject: Sorry...

PLEASE STOP THE FOR SALE MAIL!!!

I'm sorry I asked the question. I didn't want to offend anyone but as it turned out, the flood of

responses have offended more. I'm sorry.

Now for the QRP stuff...

I have the qrp antenna tuner coming from Dan' Small Parts. When it arrives I'll post the specs. After assembly and use I'll post my opinions.

On Antennas...

The ARRL book recommends using the cold water copper tubing for a good ground. If it's dangerous to touch the radiator of an antenna, isn't it then dangerous to touch the ground of an antenna? If I use the cold water copper piping for a ground tie is there a possibility of someone using the water tap getting shocked?

```
=====
7.3 de Michael aa0ub          ( formerly kd6wdd and kg0ot )
miker@cc.com                  ---==<< I'm the last 'S' in KISS >>===
=====
```

From owner-qrp-l@netcom.com Mon Nov 28 18:28:13 1994
Date: Mon, 28 Nov 1994 14:13:24 EST
From: CNJG79B@prodigy.com (DAVID R MENNERICH)
Message-Id: <013.01975886.CNJG79B@prodigy.com>
Subject: subscribe

subscribe qrp-l@netcom.com CNJG79B@prodigy.com

From owner-qrp-l@netcom.com Mon Nov 28 18:35:20 1994
Date: Mon, 28 Nov 1994 14:28:47 -0500 (EST)
From: "Kenneth R. Edwards" <ea3b@america.net>
Subject: Subscribe
Message-Id: <Pine.SV4.3.91.941128142807.5447B-100000@atl1.america.net>

subscribe qrp-l

From owner-qrp-l@netcom.com Mon Nov 28 18:32:50 1994
Date: 28 Nov 94 13:56:44 EST
From: Bob Gobrick WA6ERB <70466.1405@compuserve.com>
Subject: Tejas Sale
Message-Id: <941128185643_70466.1405_FHC67-1@CompuServe.COM>

TO: >INTERNET:qrp-1@netcom.com

QRP-L Gang - pulled this off of Compuserve today - anyone know status of Tejas?

72 Bob V01DRB/WA6ERB

#: 324818 S15/QRP/Low Power

26-Nov-94 23:33:59

Sb: TEJAS RF TECH SALE

Fm: C. Mitchell 75300,3705

To: ALL

Tejas RF Technology *** SALE***

Tejas is clearing out stock.I received a fax price list from Bill Hickox of Tejas RF.

Sale ends on November 30, 1994.I don't know what happens to Tejas after that!
A few items of interest:

Backpacker II CW XCVR Kit - \$145.00

Band change Kit for Backpacker- \$10.00

Variable peaking audio FL- \$39.95

Other items include mini-meters, enclosures, vernier drives, mini-keyer (8044 based), variable caps, power transistors, etc.

It is my impression that Tejas will not be replacing or updating any of these kits.

Tejas phone: 713 879 9300

Tejas fax: 713 879 9494

I just started building the Backpacker. It's a fun kit so far.

Chuck Mitchell - WB9NWF

Copied from Compuserve Hamnet QRP subsection by Bob Gobrick V01DRB/WA6ERB - for information only to QRP-L list.

From owner-qrp-1@netcom.com Mon Nov 28 17:44:41 1994

Date: Mon, 28 Nov 94 12:52:49 CST
From: kosa@sun18.aws.waii.com (bob kosa)
Message-Id: <9411281852.AA16730@sun18.aws.waii.com>
Subject: unsubscribe

unsubscribe qrp-l

From owner-qrp-l@netcom.com Mon Nov 28 21:43:24 1994
Date: 28 Nov 94 18:36:11 EST
From: Mario <75057.2336@compuserve.com>
Subject: unsubscribe qrp-l
Message-Id: <941128233610_75057.2336_GHJ172-2@CompuServe.COM>

unsubscribe qrp-l

From owner-qrp-l@netcom.com Mon Nov 28 03:51:53 1994
From: seldon@iastate.edu
Date: Mon, 28 Nov 1994 00:42:00 -0600
Message-Id: <9411280642.AA22552@pv0555.vincent.iastate.edu>
Subject: Unsubscribe seldon@iastate.edu

Unsubscribe seldon@iastate.edu

From owner-qrp-l@netcom.com Mon Nov 28 16:31:13 1994
From: stockton@stockton.pppo.com
Message-Id: <9411281830.AA14489@stockton.pppo.com>
Subject: VX0 xmitter
Date: Mon, 28 Nov 94 12:30:56 -0600

Put together the W6EMT designed 30M kit (from Dan's) this weekend. Nice kit, good design, no problems. Well, maybe just one. Power output, when I first fired it up was over ten watts. Reduced bias on output FET from 5 to 4 v. and now it is about 5 w. output on a 50 ohm load. Looks good on scope, sounds good on rcvr, and the IFR510 can handle it, so I guess its ok. The kit is advertised as 3 - 3.5 watts, though. Covers 10094-10139 just fine. The only antenna I have up is 40M dipole, so I haven't got it on the air yet.

Maybe someone will tell me if I am measuring power output correctly. I have a borrowed 100Mhz Tektronix scope across a 50 ohm resistor. I am taking the p-p measurement and multiplying by .707, then converting that voltage to power. Does this sound right?

++++
Glen E. Stockton K5UP ges@ppco.com

QRParci # 4009

Bartlesville, OK

+++++

From owner-qrp-l@netcom.com Mon Nov 28 19:30:31 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: VX0 xmitter
Date: Mon, 28 Nov 94 18:07:29 EST5EDT
Message-Id: <1994Nov28.180729.22807@wb3ffv.ampr.org>

To measure power with a scope, take the peak to peak voltage and divide that by two to get the peak voltage. Next, multiply that value by 0.707 to get RMS volts. Then you convert that to power by squaring it and dividing by the resistance. Or if you prefer, you can stick with the peak voltage, do not convert it to RMS--square the peak voltage and divide by two times the resistance--the results come out the same. What's the advantage of doing it that way? If you are using a 50 ohm system, two times the resistance is 100, and you simply shove the decimal place over two positions--you can do that in your head, while dividing by 50 might be a bit trickier. 73 and Queue Our Pea de WA8MCQ
--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Mon Nov 28 20:10:35 1994
Date: Mon, 28 Nov 1994 18:26:12 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucsf.mun.ca>
Subject: Re: VX0 xmitter
Message-Id: <Pine.3.87.9411281812.A14565-01000000@random.ucsf.mun.ca>

Hi Glen,

Thanks for the comments on the W6EMT 30 meter VX0 that was in the Northwest QRP club newsletter and the one that Dan's Small is selling. It looked like an impressive design. Did you have any indication that Dan's Small Parts was going to carry W6EMT 80 meter VX0 transmitter that appeared in the magazine hambrew. It also looks like a neat design and this would be the ticket to win the New England QRP club colour burst contest and contest for the most VX0 swing from a colour burst xtal rig (shucks I just gave away my secret winning entry...)

Has anyone built W6EMT (Roy Gregson from Bellevue WA) 80 meter VX0 rig that was in Summer 1994 issue of hambrew. Also does anyone know of the pc board availability for that unit? I gave Roy a phone call but had to leave a message since Newfoundland is about the farthest Time zone away from Washington and I missed him.

72 Bob V01DRB/WA6ERB